

07-14-04

1fw

# Edwards & Angell<sup>LLP</sup>

Mail to P.O. Box 55874  
Boston, MA 02205

101 Federal Street Boston, MA 02110 617.439.4444 fax 617.439.4170

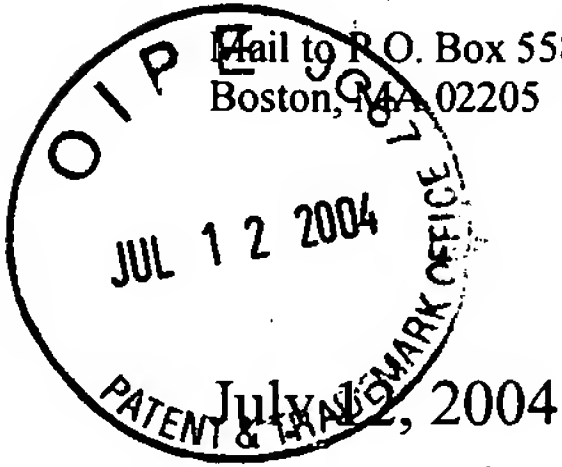
Peter C. Lauro, Esq.

Partner

617.517.5509

fax 888.325.9044

plauro@EdwardsAngell.com



Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

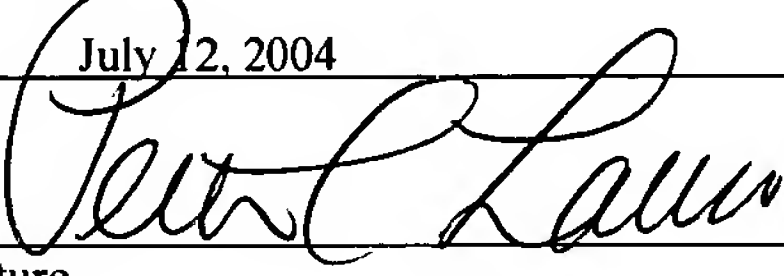
Re: Application Serial No.: 10/782,397 filed on February 18, 2004  
Inventors: Claude R. Mallet, John E. O'Gara, Darryl W. Brousmiche  
Entitled: *POROUS MATERIALS FOR SOLID PHASE EXTRACTION AND CHROMATOGRAPHY AND PROCESSES FOR PREPARATION AND USE THEREOF*  
Attorney Docket No.: 49991-60505 CIP2

Dear Sir:

I enclose herewith for filing in the above-identified continuation-in-part application the following:

1. Information Disclosure Statement (2 pages, in duplicate);
2. International Search Report (1 page);
3. Form PTO/SB/08a/b (4 pages);
4. Copies of References AA-AW, BA-BG, CA-CD; and
5. Return Receipt Postcard.

Please charge any deficiencies or credit any overpayments to our Deposit Account No.04-1105. The undersigned requests any extensions of time necessary to respond. *A duplicate of this sheet is enclosed.*

Certificate of Express Mailing Under 37 CFR 1.10	
I hereby certify that this paper or fee is being deposited with the United States Postal Service as "Express Mail" Airbill No. EV 438969461 US in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450	
Date	July 12, 2004
Signature	
Peter C. Lauro, Esq. Name of Person Signing	

Edwards & Angell, LLP  
Attorneys at Law

By   
Peter C. Lauro  
Registration No. 32,360  
Attorney for Applicant

Customer No.: 21874

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 438969461 US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: July 12, 2004

Signature: 

(Peter C. Lauro)

Docket No.: 60505 CIP2 (49991)  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Claude R. Mallet et al.

Application No.: 10/782,397

Filed: February 18, 2004

Art Unit:

For: POROUS MATERIALS FOR SOLID PHASE  
EXTRACTION AND CHROMATOGRAPHY  
AND PROCESSES FOR PREPARATION  
AND USE THEREOF

Examiner:

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the attention of the Examiner is hereby invited to the references listed on the attached PTO/SB/08a/b. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This application is a Rule 53(b) continuation-in-part of U.S. application Ser. No. 10/169,546, filed on June 10, 1999, pending, which is a U.S. national phase application of PCT international application No. PCT/US99/13241, filed on June 10, 1999, (WO 99/64480, published on December 16, 1999) which claims priority to U.S. provisional application Ser. No. 60/089,153, filed on June 12, 1998. This application claims priority to all aforementioned applications under 35 U.S.C. § 120. The present application also contains subject matter that is related to that disclosed and claimed in U.S. application Ser. No. 09/505,456, filed on February 11, 2000, now U.S. Patent 6,322,695, which is a continuation-in-part of PCT international application No. PCT/US99/13241, filed on June 10, 1999, which claims priority to U.S. provisional application Ser. No. 60/089,153, filed on June 12, 1998.

Copies of each of the references listed on the attached PTO/SB/08a/b are provided herewith. References AJ, AK, and AL were cited in an International Search Report issued in PCT/US99/13241. A copy of the search report is also provided.

Reference BB is an international patent application published in German but includes an abstract in English. Included with reference BD is the English translation of the Japanese language patent application.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications.

Under 37 C.F.R. § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 C.F.R. §1.17(p) to our Deposit Order Account No. 04-1105.

Dated: July 12, 2004

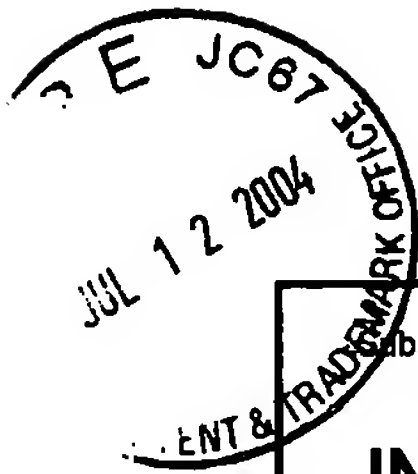
Respectfully submitted,

By 

Peter C. Lauro

Registration No.: 32,360  
EDWARDS & ANGELL, LLP  
P.O. Box 55874  
Boston, Massachusetts 02205  
(617) 439-4444  
Attorney for Applicant

Enclosures (PTO/SB/08a/b, 34 references (AA-AW, BA-BG, CA-CD), International Search Report).



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<div>Substitute for form 1449A/B/PTO</div> <div><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></div> <div>(Use as many sheets as necessary)</div>				<b>Complete if Known</b>	
				Application Number	10/782,397
				Filing Date	February 18, 2004
				First Named Inventor	Claude R. Mallet, et al.
				Art Unit	
				Examiner Name	
Sheet	1	of	4	Attorney Docket Number	60505 CIP2 (49991)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US-6,322,695 B1	11-2001	Lee et al.	
	AB	US-5,453,185	09-1995	Frechet et al.	
	AC	US-5,728,457	03-1998	Frechet et al.	
	AD	US-4,889,632	12-1989	Svec et al.	
	AE	US-4,923,610	03-1990	Svec et al.	
	AF	US-4,952,349	08-1990	Svec et al.	
	AG	US-6,238,565 B1	05-2001	Hatch	
	AH	US-6,362,245 B1	03-2002	Takahashi et al.	
	AI	US-5,882,521	03-1999	Bouvier et al.	
	AJ	US-3,946,749	03-1976	Papantoniou	
	AK	US-3,954,682	05-1976	Fein et al.	
	AL	US-3,985,540	10-1976	Fein et al.	
	AM	US-4,828,710	05-1989	Itoh et al.	
	AN	US-4,933,372	06-1990	Feibush et al.	
	AO	US-5,030,352	07-1991	Varaday et al.	
	AP	US-5,292,818	03-1994	Oishi et al.	
	AQ	US-5,976,367	11-1999	Bouvier et al.	
	AR	US-6,045,697	04-2000	Giroi et al.	
	AS	US-6,106,721	08-2000	Bouvier et al.	
	AT	US-6,248,798	06-2001	Slingsby et al.	
	AU	US-5,230,806	07-1993	Fritz et al.	
	AV	US-5,618,438	04-1997	Fritz et al.	
	AW	US-5,587,323	12-1996	Lewis et al.	
	AX				
	AY				
	AZ				
	AA1				
	AB1				
	AC1				
	AD1				
	AE1				
	AF1				
	AG1				
	AH1				
	AI1				
	AJ1				
	AK1				
	AL1				
	AM1				
	AN1				
	AO1				
	AP1				
	AQ1				

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/782,397
				Filing Date	February 18, 2004
				First Named Inventor	Claude R. Mallet, et al.
				Art Unit	
				Examiner Name	
Sheet	2	of	4	Attorney Docket Number	60505 CIP2 (49991)

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
	BA	WO 99/64480	12-1999			
	BB	WO 00/73782	12-2000			X
	BC	EP 0852334	07-1998			
	BD	JP2002-187904A	07-2002			X
	BE	EP 1,159,995 A2	12-2001			
	BF	WO 95/30467	11-1995			
	BG	EP 0982326	03-2000			
	BH					
	BI					
	BJ					
	BK					
	BL					
	BM					
	BN					
	BO					
	BP					
	BQ					
	BR					
	BS					
	BT					
	BU					
	BV					
	BW					
	BX					
	BY					
	BZ					
	BA1					
	BB1					
	BC1					
	BD1					
	BE1					
	BF1					
	BG1					
	BH1					
	BI1					
	BJ1					
	BK1					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/782,397
				Filing Date	February 18, 2004
				First Named Inventor	Claude R. Mallet, et al.
				Art Unit	
				Examiner Name	
Sheet	3	of	4	Attorney Docket Number	60505 CIP2 (49991)

Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CA	LIETO, J. et al. "Polymer supports for catalysts," <i>Chemtech.</i> 46-53 (1983)	
CB	MITCHELL, A. R. et al. "Preparation of aminomethyl-polystyrene resin by direct amidomethylation," <i>Tetrahedron Letters.</i> 42: 3795-8 (1976)	
CC	UNGER, K. "Packings and stationary phases in chromatographic techniques," <i>Chromatographic Science Series.</i> 47: 585-720 (1990)	
CD	MILLS, M. S. et al. "Application of mixed-mode, solid-phase extraction in environmental and clinical chemistry," <i>Journal of Chromatography.</i> 629: 11-21 (1993)	
CE		
CF		
CG		
CH		
CI		
CJ		
CK		
CL		
CM		
CN		
CO		
CP		
CQ		
CR		
CS		
CT		
CU		
CV		
CW		
CX		
CY		
CZ		
CA1		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 438969461 US in an envelope addressed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on July 12, 2004  
Date



Signature

Peter C. Lauro

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

IDS (Citation) by Applicant (4 pages);  
Information Disclosure Statement (2 pages, in duplicate);  
International Search Report (1 page);  
Copies of References AA-AW, BA-BG, CA-CD and;  
Return Receipt Postcard